

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

MAR 26 2004

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Shee

1

20

2

Complete if Known

| | |
|------------------------|------------------|
| Application Number | 10/620,851 |
| Filing Date | July 15, 2003 |
| First Named Inventor | Barnoski, et al. |
| Art Unit | 2874 |
| Examiner Name | Not Yet Assigned |
| Attorney Docket Number | 1125/204 |

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

**Examiner
Signature**

Date Considered

12/14/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

~~tion Act of 1995, no person~~
MAR 26 2004 C102-3

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Shee

2

20

2

Complete if Known

| | |
|------------------------|------------------|
| Application Number | 10/620,851 |
| Filing Date | July 15, 2003 |
| First Named Inventor | Barnoski, et al. |
| Art Unit | 2874 |
| Examiner Name | Not Yet Assigned |
| Attorney Docket Number | 1125/204 |

NON PATENT LITERATURE DOCUMENTS

**Examiner
Signature**

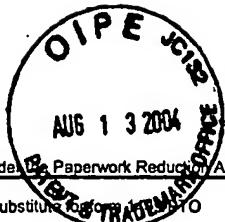
Date
Considered

12/14/05

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.
This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



AUG 1 3 2004

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
is a collection of information unless it contains a valid OMB control number.

Substitute for form 14-05-10

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

She

T

2

Complete if Known

| | |
|------------------------|------------------|
| Application Number | 10/620,851 |
| Filing Date | July 15, 2003 |
| First Named Inventor | Barnoski, et al. |
| Art Unit | 2874 |
| Examiner Name | Not Yet Assigned |
| Attorney Docket Number | 1125/204 |

U. S. PATENT DOCUMENTS

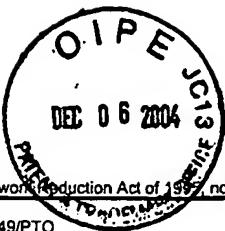
FOREIGN PATENT DOCUMENTS

| FOREIGN PATENT DOCUMENTS | | | | | |
|--------------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear |
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | |
| | 1. | EP-0410181 | 01-30-1991 | Pirelli Cavi | |
| | 2. | EP-0716322 | 06-12-1996 | Asahi Kohden Co | |
| | 3. | EP-0299098 | 01-18-1989 | Inovan Stroebe | |
| | 4. | EP-0201944 | 11-20-1986 | Amp Inc. | |
| | 5. | EP-0423581 | 04-24-1991 | Pirelli Cavi | |

¹EXAMINER: ^{Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.} ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

| | | | | | |
|---|---|----|---|-------------------------------|------------------|
| <p style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(Use as many sheets as necessary)</i></p> | | | | Complete if Known | |
| | | | | Application Number | 10/620,851 |
| | | | | Filing Date | July 15, 2003 |
| | | | | First Named Inventor | Barnoski, et al. |
| | | | | Art Unit | 2874 |
| | | | | Examiner Name | Not Yet Assigned |
| Sheet | 2 | of | 2 | Attorney Docket Number | 1125/204 |

NON-PATENT LITERATURE DOCUMENTS

Examiner Signature  Date Considered 12/14/05

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). **2** Applicant Is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
is a collection of information unless it contains a valid OMB control number.

~~Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.~~

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

| | |
|------------------------|------------------|
| Application Number | 10/620,851 |
| Filing Date | July 15, 2003 |
| First Named Inventor | Barnoski, et al. |
| Art Unit | 2874 |
| Examiner Name | Not Yet Assigned |
| Attorney Docket Number | 1125/204 |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|---|--------------------------------|--|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | | |
| | 1. | EP-0287986 | 10-26-1988 | Ushio Kogyo Co. | | |
| | 2. | WO-9815381 | 04-16-1998 | Tyco Submarine | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

¹EXAMINER: Indicate if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ²Applicant's unique citation designation number (optional). ³See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ⁴Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁷Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | | |
|--|---|----|---|--------------------------|------------------|----------|
| Substitute for form 1449/PTO | | | | Complete if Known | | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | | | Application Number | 10/620,851 | |
| | | | | Filing Date | July 15, 2003 | |
| | | | | First Named Inventor | Barnoski, et al. | |
| | | | | Art Unit | 2874 | |
| | | | | Examiner Name | Not Yet Assigned | |
| Sheet | 2 | of | 2 | Attorney Docket Number | | 1125/204 |

| NON PATENT LITERATURE DOCUMENTS | | | | | | |
|---------------------------------|-----------------------|---|--|--|--|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | | | | T ² |
| <i>JEL</i> | 1. | ROBERTSSON M E, ET AL., "Plastic Optical Connectors Molded Directly onto Optical Fibers and Optical Fiber Ribbons", IEEE, June 1, 1993, pgs. 498-504, New York, NY, USA. | | | | |
| <i>JEL</i> | 2. | International Search Report of Counterpart PCT Application No. PCT/US03/25940 | | | | |
| <i>JEL</i> | 3. | Partial International Search Report of Counterpart PCT Application No. PCT/US03/25940 | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| | | | |
|--------------------|------------|-----------------|-----------------|
| Examiner Signature | <i>JEL</i> | Date Considered | <i>12/14/05</i> |
|--------------------|------------|-----------------|-----------------|

*EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Please type a plus sign (+) inside this box →

| | | | | | |
|--|---|----|---|--------------------------|------------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | | <i>Complete if Known</i> | |
| (use as many sheets as necessary) | | | | Application Number | Not Yet Assigned |
| Sheet | 1 | of | 1 | Filing Date | July 15, 2003 |
| | | | | First Named Inventor | Barnoski, et al. |
| | | | | Group Art Unit | Not Yet Assigned |
| | | | | Examiner Name | Not Yet Assigned |
| | | | | Attorney Docket Number | 1125/204 |

| U.S. PATENT DOCUMENTS | | | | | |
|------------------------------|----------|--------------------------|---|---|--|
| Examiner Initials | Cite No. | U.S. Patent Document No. | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | |
| <i>JEL</i> | 1. | 4,555,968 | Raney, et al. | 12-03-1985 | |
| | 2. | 4,524,582 | Lucas, et al. | 06-25-1985 | |
| | 3. | US2003/0070518 | Kurita, et al. | 04-17-2003 | |
| | 4. | 6,311,597 | Schroth, et al. | 11-06-2001 | |
| | 5. | US2003/0068142 | Brezina, et al. | 04-10-2003 | |
| | 6. | 4,292,862 | Thompson | 10-06-1981 | |
| | 7. | 4,458,985 | Balliet, et al. | 07-10-1984 | |
| | 8. | 6,416,334 | Plishner | 07-09-2002 | |
| | 9. | 5,113,736 | Meyerle | 05-19-1992 | |
| | 10. | 5,568,766 | Otremba, et al. | 10-29-1996 | |
| | 11. | 6,389,940 | Long, et al. | 05-21-2002 | |
| | 12. | 6,505,535 | Kurita, et al. | 01-14-2003 | |
| <i>JEL</i> | 13. | 3,861,192 | Suzuki, et al. | 01-21-1975 | |
| | 14. | 2,336,982 | Cremer | 12-14-1943 | |

| FOREIGN PATENT DOCUMENTS | | | | | |
|---------------------------------|----------|-------------------------|--------|---|---|
| Examiner Initials | Cite No. | Foreign Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY |
| | | Office | Number | | |
| | | | | | |

Please type a plus sign (+) inside this box →

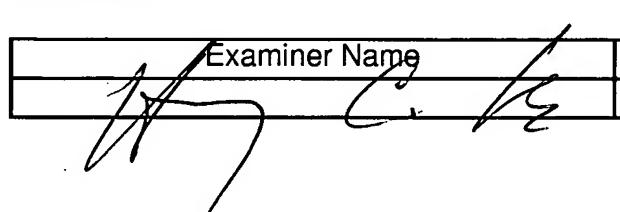
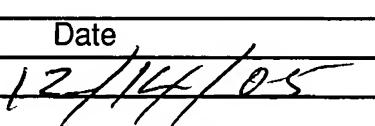
| OTHER PRIOR ART | | |
|-------------------|----------|---|
| Examiner Initials | Ref. No. | Title |
| <i>WEL</i> | 1. | "Uni-Guide ® Die System FAQ's" by Humdinger, Inc., pp. 1 - 5. |
| | 2. | "Uni-Guide Die System, Patent Pending", Technical Discussion by Humdinger, Inc., pp. 1 - 6. |
| | 3. | "Tech Trends, Round Die Set Works with Worn Presses", www.sme.org/forming&fabricating - 4/2000, p. 18. |
| <i>WEL</i> | 4. | "A New Design for Die Sets", www.metalforming.com , August 2000, p. 66. |
| | 5. | "The Uni-Guide Die System", www.uni-guide.com , Uni-Guide Products Brochure, pp. 1 - 4. |

| | | | |
|--------------------|---------------|-----------------|-----------------|
| Examiner Signature | <i>W C Kr</i> | Date Considered | <i>12/14/05</i> |
|--------------------|---------------|-----------------|-----------------|

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

| Title of Invention | Stamping System for Manufacturing High Tolerance Parts | | | | | | |
|--|--|------------|------------|---|------|-------|----------|
| Application Number : 10/620851 Confirmation Number: 2543 First Named Applicant: Michael Barnoski Attorney Docket Number: Art Unit: 2874 Examiner: Search string: (6122952 or 3709083 or 4030336 or 4926677).pn | | | |  | | | |
| US Patent Documents | | | | | | | |
| Note: Applicant is not required to submit a paper copy of cited US Patent Documents | | | | | | | |
| init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass |
| 1 | 6122952 | ✓ | 2000-09-26 | Rupp, et al | | | |
| 2 | 3709083 | ✓ | 1973-01-09 | Doherty | | | |
| 3 | 4030336 | ✓ | 1977-06-21 | Grigorenko Anatoly Sergeevich, et al | | | |
| 4 | 4926677 | ✓ | 1990-05-22 | Waldner | | | |
| Signature | | | | | | | |
|  Examiner Name | | | |  Date | | | |

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

| | | | | | | | |
|-------------------------|--|--|--|--|--|--|--|
| Title of Invention | Stamping System for Manufacturing High Tolerance Parts | | | | | | |
| Application Number : | 10/620851 | |  | | | | |
| Confirmation Number: | 2543 | | | | | | |
| First Named Applicant: | Michael Barnoski | | | | | | |
| Attorney Docket Number: | | | | | | | |
| Art Unit: | | | | | | | |
| Examiner: | | | | | | | |
| Search string: | (5319728).pn | | | | | | |

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

| init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass |
|------------|----------|------------|------------|-----------|------|-------|----------|
| <i>det</i> | 1 | 5319728 | 1994-06-07 | Lu et al. | | | |

Signature

| | | | |
|--------------------|---------------|--------------------|-----------------|
| <i>[Signature]</i> | Examiner Name | <i>[Signature]</i> | Date |
| | | | <i>12/14/05</i> |